

Title (en)

Enhancement of transmit power control in CDMA based mobile communications systems

Title (de)

Verbesserung der Steuerung der Übertragungsleistung in CDMA basierten Mobilkommunikationssystemen

Title (fr)

Amélioration du contrôle de la puissance transmise dans des systèmes de communication mobile AMRC

Publication

EP 1246372 A2 20021002 (EN)

Application

EP 02005366 A 20020314

Priority

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Abstract (en)

A cellular system includes a mobile station and base stations. The mobile station establishes a communication line with N (1 # N) first base stations, measures receipt quality in pilot signals transmitted from the N first base stations, determines M (1#M#N) second base stations to make communication therethrough among the N first base stations, based on measurement results of the receipt quality, and transmits an designation signal to the M second base stations through upward line to designate the M second base stations as a base station through which the mobile station makes communication. Each of the base stations makes communication with the mobile station, if designated by the designation signal, and does not make communication with the mobile station, if not designated. The cellular system further includes a first apparatus for varying a signal-receipt error rate in the designation signal to be transmitted through upward line in accordance with a target signal-receipt error rate in downward line.

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H04B 7/005; H04Q 7/38

IPC 8 full level

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CPC (source: EP KR US)

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